

# Sahith Kanduri

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## EDUCATION

### VNR Vignana Jyothi Institute of Engineering and Technology

B.Tech in Computer Science, GPA: 8.84 /10

Relevant Coursework: Artificial Intelligence, Machine Learning, DBMS, SQL, Python

Hyderabad, India

Expected Graduation, 2025

### S.R.M Junior College

Intermediate, Percentage: 96.4

Hyderabad, India

June 2019 – April 2021

### Ravindra Bharathi School

SSC, GPA: 9.3/10

Hyderabad, India

June 2018 – April 2019

## EXPERIENCE

### IIT Hyderabad

Research Intern

Hyderabad, India

Feb 2024 – Jul 2024

- Developed AeroCaps, a novel aerial image captioning dataset with 1800 annotated drone-captured images in hard-to-reach areas, enhancing dataset diversity for large vision-language models
- Analyzed and improved state-of-art LVLMs (LLaVA, InstructBLIP), reducing hallucinations by 37%, and boosting aerial image captioning accuracy by addressing challenges from diverse perspectives

### Fosterate Services

Developer Intern

Hyderabad, India

Jun 2023 – July 2023

- Gained hands-on experience with the Flutter framework and the company's codebase, contributing to UI improvements and resolving 100 minor UI bugs to enhance app's user experience and interface stability
- Actively participated in daily scrums and followed Agile methodologies for efficient task management

## PROJECTS

### Car Dealership

- Developed a C++ application that automated car bookings, reducing manual data entry by 80% and improving processing speed by 40%, with a search feature retrieving records in under 2 seconds for enhanced user experience

### Family Travel Tracker

- Built a web application to track and visualize 50+ family locations on a world map, using PostgreSQL for data management, body-parser for processing, and an intuitive interface with interactive features and dynamic routes

### ATM Machine Code

- Developed a command-line ATM application using C graphics and file handling, supporting PIN-based authentication, credit, debit, transfers and robust error handling, reducing user-reported errors by 40% for reliable banking

## ACHIEVEMENTS AND EXTRACURRICULARS

- Global rank 141 in Smart Interviews for Data Structures and Problem Solving and 1871 rating on LeetCode
- Finalist in Project Halloween, Winter Coding Contest 3.0, OctCode, Webathon and Semifinalist in Turing Cup 2k23
- 5-star rating in Problem Solving on Hackerrank and 3-star (1678) on CodeChef
- Secured 1397th state rank in TS EAMCET, 98.14% in JEE Main, and qualified JEE Advanced
- Volunteered and managed public relations for technical fests and club orientations

## CERTIFICATIONS

- Problem Solving skills on Data Structures and Algorithms by Smart interviews
- Supervised Machine Learning: Regression and Classification, Advanced Learning Algorithms by Coursera

## SKILLS

- Programming Languages and Web Development:** C, C++, Python, Java, JavaScript, HTML, Bootstrap, React, Node.js
- Query Languages and Databases:** SQL, MongoDB, PostgreSQL
- Version Controls and IDEs:** Git and GitHub, Visual Studio Code, Sublime Text, Jupyter Notebook
- Others:** Data Structures and Algorithms, Power BI, Microsoft Excel, Microsoft Word, Problem Solving